

CA3108B 28-2009-16S

Specifications

Attribute	Value
1. Physical & Mechanical Data	
Shell Size	28
Connector Style	90° Right-Angle Plug
Coupling Mechanism	Threaded / Bayonet style coupling
Insert Layout Number	28-2009 (utilizes 9 positions configured with size 16S cavities)
Total Pins / Contacts	9 Positions
Contact Gender	Socket (Female)
Termination Style	Solder Cup
Mating Cycles	Minimum 500 durability cycles
2. Electrical & Material Data	
Current Rating	Up to 22 Amps per contact (varies slightly by total combined thermal load)
Voltage Rating	Service Rating A / ~50V AC up to standard operating limits based on pollution degrees
Shell Material	High-grade Aluminum Alloy
Standard Shell Plating	Olive Drab Cadmium over chromate (or alternative RoHS Nickel coatings depending on production codes)
Contact Material	Copper Alloy with Silver Plating
Insulator Material	Polychloroprene / Neoprene elastomeric rubber
3. Environmental Properties	
Operating Temperature	-55°C to +125°C (-67°F to +257°F)
Environmental Sealing	Moisture and splash-resistant configuration typical of standard MIL-DTL-5015 class hardware.
Vibration Resistance	High-durability interlocking suited for industrial automation and off-road vehicular environments.